Aniket V. Kadam

aniketkadam59397@gmail.com 8291650136 aniketkadam0808 aniketgithub123 Mumbai

SUMMARY

Seeking an entry level position in Data Science professional where I can utilize my analytical skills, to contribute effectively to projects, while continuously enhancing my skills in the dynamic field.

TECHNICAL SKILLS

Programming Language: Python

Database: MySQL

Data Analysis and Visualization: Pandas, NumPy, Matplotlib, Advance Excel, Power BI, Google Looker Studio

Machine Learning: Scikit-learn, TensorFlow

Deep Learning: TensorFlow, Keras, OpenCV

Natural Language Processing (NLP): NLTK

LIVE PROJECTS

1. Project Title: Real-Time Cake Shelf Monitoring and Empty Space Detection Using YOLOv8 and OpenCV
Technologies Used: Python, YOLOv8, OpenCV, Google Looker Studio, NumPy, Roboflow (for dataset preparation), RTSP Streaming
Description:
- Implemented an object detection system to identify and count cakes on shelves using YOLOv8 and OpenCV.
- Trained and fine-tuned a custom YOLOv8 model on annotated datasets to improve detection accuracy.
- Processed input images and video streams to detect cakes, draw bounding boxes, and calculate counts with high precision.
- Integrated real-time data with Google Sheets and visualized results in Looker Studio for effective monitoring.

2. Project Title: Real-Time People Counting and Tracking Using YOLOv8 and OpenCV
Technologies Used: Python, YOLOv8, OpenCV, Google Sheets API, NumPy, RTSP Streaming
Description:
- Developed a real-time people counting and tracking system using YOLOv8 and OpenCV, processing live RTSP video streams.
- Implemented object tracking with unique ID assignment to monitor entry and exit areas efficiently.
- Integrated Google Sheets API to log people count at scheduled intervals for further analysis.

EXPERIENCE

Alamdaar Ventures Pvt. limited 08/2024 – present
AI & ML Developer
- Develop computer vision solutions using deep learning techniques
- Design and train and fine-tune machine learning models for image classification, object detection,segmentation, and tracking
- Optimize and refine AI models for performance, accuracy, and efficiency.

PROJECTS

1. Product Classification for Consumer Complaints Using NLP [LINK]
Tools/Technology: NLP, Deep Learning,Python, TensorFlow, Keras,Pandas, Scikit-learn, NLTK, Word2Vec,LSTM
Description:
- Built an NLP-based model to classify financial product categories based on customer complaint descriptions.
- Performed data preprocessing, text cleaning, tokenization, and feature extraction using Word2Vec embeddings.
- Developed and compared multiple models, including LSTM, GRU, and XGBoost, achieving high classification accuracy.

2. Drug Review - Sentiment Analysis [LINK]
Tools/Technology: NLP, Machine Learning, Python, Pandas, Scikit-learn, Matplotlib, NLTK, WordCloud,TF-IDF
Description:
- The objective of this project is to predict the sentiment of the drug Users, according to their reviews.
- Performed data analysis, data preprocessing and feature engineering, model building.
- Utilized NLP techniques and build ML model to predict the sentiment with 87% accuracy.

2. IMDB Movies Analysis [LINK]
Tools/Technology: MySQL
Description:
- Analyzed the IMDB Movies database, exploring movie data, directors, actors, genres, and ratings.
- Utilized MySQL to execute queries revealing insights into top production houses, directors, actors' performances, and financial success metrics.
- Provided actionable insights to support decision-making and deepen understanding of industry trends.

PROFESSIONAL COURSE

Master in Data Science & Analytics with AI | IT Vedant

EDUCATION

Bachelor of Engineering 2022
Mumbai University
CGPA: 7.83

HSC 2018
Maharashtra Board
Percentage: 71.38 %

SSC 2016
Maharashtra Board
Percentage: 91.20 %

CERTIFICATION

- MySQL | IT VEDANT
- Data Science & Analytics | IT VEDANT
- Data Analysis Using Python | IBM
- Power BI Virtual Case Experience | FORAGE
- Data Science Virtual Internship Completion Certificate | AICTE
- NSDC Certificate